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I hereby certify that this correspondence is being deposited with the United States Postal Services on the date set forth below as First Class Mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

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5-19-05

  
Michael A. Jaskolski Reg. No. 37,551

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Darin Okerlund  
Serial No.: 10/064,899  
Filed: August 27, 2002  
Title: R-Peak Detection Corrections for Improved Cardiac Gated Reconstruction  
Art Unit: 3762  
Examiner: George C. Manuel  
Our Ref.: 390086.95231

Assistant Commissioner for Patents  
Washington DC 20231

**Box: Amendment**

Dear Sir:

In response to the Patent Office Action dated May 5, 2005, please amend the above application as follows.

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**RESPONSE TO OFFICE ACTION**

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In the Claims, please substitute claims that are amended on the following pages for similarly numbered claims in the pending application. Changes to claims are shown with added text underlined and a strikethrough indicating canceled text. Original claims are indicated as "Original", claims previously amended are indicated as "Previously Presented," claims cancelled previously or by this amendment are indicated as "Cancelled," claims withdrawn by this amendment are indicated as "Withdrawn," new claims are indicated as "New" and claims amended by this amendment are indicated as "Currently Amended."